There are no translations available.

vicomtech

ik4 research alliance

Associación VicomTech IK4

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Vicomtech-IK4 (Visual Interaction and Communication Technologies Centre) is an applied research centre for Interactive Computer Graphics and Multimedia located in the Technology Park of San Sebastian, Spain. Vicomtech-IK4 is a member of the IK4 Technological Alliance, which is composed of 8 leading Basque technology centres. In the same way, Vicomtech-IK4 belongs to the international network GraphicsMedia.net, composed of different international prestigious applied research centres. All members work on Computer Graphics and Multimedia technologies which gives the net an active international profile to its investigation activity.

Since its inception it has been a member of Saretek, the Basque Network of Science, Technology and Innovation, which in July 2007 turned into Innobasque, the Basque Agency for Innovation. Furthermore, the acknowledgement Vicomtech-IK4 has obtained in these years has paved the way to incorporate into the IK4 alliance and also to be classified as an Innovation and Technology Centre (ITC) by the Spanish Ministry of Education and Science.

The centre's aim is to fulfil the innovation needs of the companies and institutions. For this, the centre works in applied research and development of multimedia technologies for visual

interaction and communication. Key technologies include virtual reality, augmented reality, interactive computer graphics and simulation, Web3D, computer vision and video processing, 3D medical image analysis, virtual human interfaces and semantic processing. The centre fosters the mobility and training of researchers and collaborates tightly with the industry, universities and institutions, and complements other technology centres.

Vicomtech is organised in 6 research units:

- Digital Television and multimedia services
- E-Health and biomedical applications
- E-Tourism and cultural heritage
- 3D animation and interactive virtual environments
- Intelligent transport systems and engineering
- Human speech and language technologies